

@ the Bradbury

Special News & Events

Save the Date!

DEC 5-7 Los Alamos
Winterfest Weekend

DEC 13 Scientists in the Spotlight
11:00 AM TO 1:00 PM
Chat with scientists about
computer software and aquatic
biology. All ages welcome.

DEC 16 Hanukkah Begins

DEC 18 Science On Tap
5:30 PM to 7:00 PM
@ Manhattan Project
1789 Central Avenue
Los Alamos, NM

DEC 24 Hanukkah Ends/
Christmas Eve

DEC 25 Christmas Day
Museum will be CLOSED

JAN 1 New Year's Day
Museum will be CLOSED



Celebrating Our Scientist Ambassadors

In November, the museum proudly hosted its first certification ceremony in honor of the completion of the museum's 2014 Scientist Ambassador Academy class. Through this six-month program, nine scientists became certified as official scientist ambassadors and committed to helping spread the word about science, technology, engineering, and math (STEM) throughout our communities. At the ceremony, each ambassador received a certificate and personal letter of congratulations from Los Alamos National Laboratory's director Charles McMillan. Also offering words of encouragement and support were the Laboratory's principal associate director for science, technology, and engineering Alan Bishop and the Bradbury Science Museum director Linda Deck.



Join Us Every Second Saturday

Last month, the museum introduced a new program called *Scientist in the Spotlight* featuring Scientist Ambassadors that have recently been certified through the museum's Scientist Ambassador Academy program. In this activity, ambassadors will be on the museum floor for a few hours having casual conversations with visitors about their favorite science, technology, engineering, or math (STEM) subject. *Scientist in the Spotlight* will happen every second Saturday of the month with **Saturday, December 13** featuring Teri Roberts talking about how computer software works and Jane Clements discussing aquatic biology. These conversations are intended for all ages and include interactive hands-on elements.

SCIENCE ON TAP

Be sure not to miss the next installment of "Science on Tap" on **Thursday, December 18**, at the Manhattan Project restaurant in downtown Los Alamos. Sean Dolan, a graduate research assistant at Los Alamos National Laboratory and Ph.D. candidate in the Department of Anthropology at the University of Oklahoma, will talk about obsidian and the work that archaeologists are doing with it. Dolan is an archaeologist who integrates chemical sourcing methods to examine where people 1,000 years ago in the North American Southwest obtained obsidian to make projectile points and other stone tools. Archaeologists love finding obsidian at sites because it is one of the few raw materials that can be accurately sourced to a specific place on the landscape. Using X-ray fluorescence, they can obtain the unique chemical fingerprint of individual obsidian flows to connect the dots between people and places. Dolan plans to discuss the most recent research concerning obsidian studies in New Mexico and how it plays a role in developing models of social interaction, long-distance exchange, and social identity from A.D. 1000-1450. "Science On Tap" happens every third Thursday evening starting at 5:30 PM.

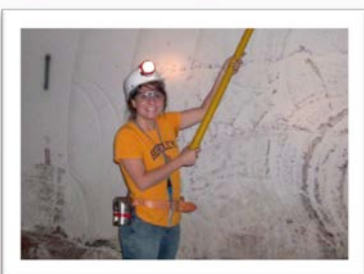


To subscribe to our monthly newsletter, visit the museum's website at:
www.lanl.gov/museum/events/events-mailing.shtml

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BRADBURY **SCIENCE** museum
scientist AMBASSADOR
ACADEMY

Meet the 2014 Scientist Ambassadors



Mitzi Boswell
Cosmic Radiation



Jane Clements
Aquatic Biology



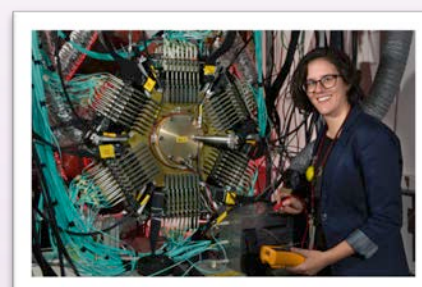
Mandie Gehring
Nuclear Fission/Fusion



Steven Hayden
Nanoscale Gold



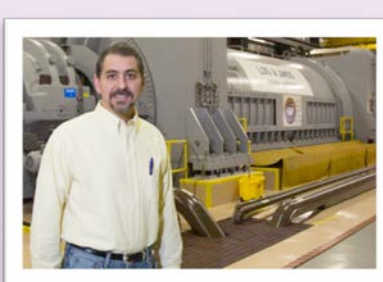
Nicole Jeffery
Sea Ice



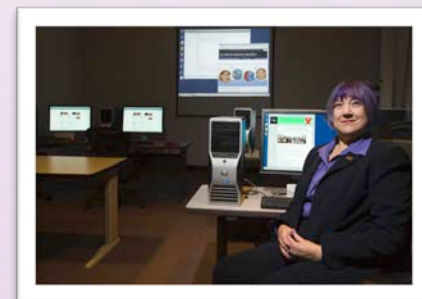
Verena Kleinrath
Visualizing Radiation



Nicole Lloyd-Ronning
Supernovae/Electromagnetic Spectrum



Chuck Mielke
Magnets/Value of Pure Science



Teri Roberts
Computer Software/Hardware

Scientist Ambassador Academy is Recruiting for 2015!

Are you passionate about science, technology, engineering, or math (STEM) and enjoy working with the public? Do you find yourself in conversations about STEM topics, only to end up wishing your audience could be as excited about it as you? If so, the Bradbury Science Museum's Scientist Ambassador Academy (SAA) needs you!

Through SAA, the Bradbury is working hard to build a corps of Scientist Ambassadors (SAs) who are trained to effectively share the fun and enjoyment of STEM with all ages. Like educators, these ambassadors are key to helping spark the imagination of those who have a general curiosity about science or who may even go on to do groundbreaking science of their own.

So, what exactly is SAA?

SAA is the museum's implementation of an initiative called Portal to the Public, a nationwide program originally established through a National Science Foundation grant that is designed to assist informal science education institutions as they seek to bring scientists and public audiences together. It has a proven curriculum and operates in more than 30 institutions nationwide.

What does this mean for you?

For starters, this program is offered at no cost to you. If you enroll, training would take place at the museum with a class of your peers during four three-hour sessions spread out over a three-month period. In these sessions, you will learn various conversation techniques, brainstorm engagement topics with other ambassadors, practice dialogue methods and receive feedback from your peers and mentors. After your conversation topic is determined, museum staff will work with you to develop a mobile program that consists of an interactive hands-on activity as well as your official Scientist Ambassador identification. This mobile program can then be taken out to schools, public forums, or used onsite at the museum. Certified Scientist Ambassadors also commit to participating in at least three public events by the end of September.

Sounds great! How do I sign up?

The Bradbury Science Museum is currently recruiting for its 2015 class of the Scientist Ambassador Academy. Applications are due by January 31, 2015. Please contact the museum staff at bsm-saa@lanl.gov for an application packet.



Mark Your Calendars!

December 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
					Los Alamos Winterfest B	Los Alamos Winterfest
7	8	9	10	11	12	13
Los Alamos Winterfest					A	Scientists in the Spotlight 11 AM to 1 PM
14	15	16	17	18	19	20
		Hanukkah Begins		Science on Tap @ Manhattan Project Restaurant 5:30 to 7:00 PM B		
21	22	23	24	25	26	27
Winter Solstice			Hanukkah Ends Christmas Eve	Christmas Day MUSEUM CLOSED A		
28	29	30	31	JANUARY 1	JANUARY 2	JANUARY 3
			New Year's Eve	New Year's Day MUSEUM CLOSED		

*SPECIAL TEMPORARY EXHIBIT OPEN UNTIL JANUARY 31, 2015: Saul Hertz, M.D.: A Pioneer in the Use of Radioactive Isotopes

About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



Hours: Tuesday – Saturday: 10:00 AM to 5:00 PM, Sunday & Monday: 1:00 PM to 5:00 PM